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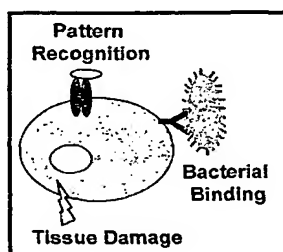
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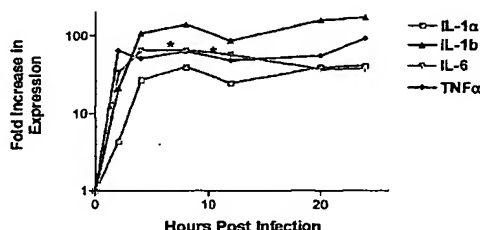
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(54) Title: MICROARRAY ANALYSIS OF HOST AND PATHOGEN GENE EXPRESSION CHANGES *IN VIVO*



**Initial danger signal  
Acute phase response**

**Responding Cells:  
Mast Cells, Keratinocytes  
Tissue Macrophages**



(57) Abstract: Systems permitting simultaneous transcriptional analysis of the host and pathogen during an *in vivo* infection are described.